

MATERIALS SAFETY DATA SHEET

SUNNILAND CORPORATION: P.O. BOX 1697
SANFORD, FL 32771

DATA SHEET NO. S-04
DIVISION L & G
ISSUE DATE 12/19/84
ISSUED BY C.L.C.
SUPERSEDES ISSUE OF

CHEMTREC CHEMICAL TRANSPORTATION EMERGENCY
TELEPHONE NO: 800-424-9300; DISTRICT OF
COLUMBIA: 202-483-7616

NON-TRANSPORTATION EMERGENCY NO: (Poison Control Center)
Tampa FL Regional 1-800-282-3171

PRODUCT NAME: Sulfur Wettable or Dusting
CHEMICAL FAMILY: Sulfur

PRODUCT CODE NUMBER: EPA Reg. No. 9404-3477-FL
CHEMICAL NAME & SYNONYMS: Sulfur

CHEMICAL FORMULA: S

TRADE NAME & SYNONYMS:

II HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LIQ., SOL. OR GASES	%	CURRENT TLV (UNITS)
SULFUR Technical	90.0	N/E
Clay Inert Carrier	10.0	N/E

III PHYSICAL DATA

APPEARANCE (SOLID, LIQ., GAS)	MOLECULAR WEIGHT	MELT POINT	SPECIFIC GRAVITY
Powder	32.064	115.21 deg. C	0.9611
VAPOR DENSITY (AR-1)	COLOR	BULK DENSITY	BOILING POINT
N/A	Yellowish Gray	0.9611	444.6 deg. C
VAPOR PRESSURE	SOLUBILITY	ODOR	% VOLATILE BY VOLUME
N/A	Non-Soluble in H ₂ O	Sulfur	N/A

IV FIRE & EXPLOSION DATA

FLASH POINT F deg. (method used)	FLAMMABLE LIMIT	EXTINGUISHING MEDIA
Ignites in air > 261 deg. C	N/A	C O 2 Water fog, foam; Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES

Wear self contained air apparatus. Evacuate people down wind. Wear rubber clothing, hat boots, gloves. Cool by wetting down all adjacent bags and containers to keep from burning.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

This product contains no explosive ingredients. Remove all containers from the area if possible to avoid fire exposure.

V TOXICITY DATA

LD50, ORAL (INGESTION)	LD50, DERMAL (SKIN CONTACT)	INHALATION
>1500 mg/kg	>2000 mg/kg	>2mg/l
FISH, LC50, LETHAL CONCENTRATION.	TLV (UNITS) (THRESHOLD LIMIT VALUE).	SKIN IRRITATION
N/E	N/E	Minimal
EFFECTS TO EYE	EFFECTS TO LUNG	OTHER
Minimal	N/E	

EMERGENCY AND FIRST AID PROCEDURES, EFFECTS OF OVER EXPOSURE: If Swallowed: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back

FISH, LC50, LETHAL CONCENTRATION. N/E	TLV (UNITS) (THRESHOLD LIMIT VALUE). See Above	SKIN IRRITATION Irritation as a Salt
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EFFECTS TO EYE Irritation as a salt	EFFECTS TO LUNG N/E	OTHER ---
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EMERGENCY AND FIRST AID PROCEDURES, EFFECTS OF OVER EXPOSURE: If SWALLOWED-Call a physician or Poison Control Center. Immediately. Induce vomiting by giving victim 1 or 2 glasses of water or by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. IF IN EYES -Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN -Wash affected area with soap & water.

OVEREXPOSURE: Headache;Nausea

VI REACTIVITY DATA

STABILITY	CONDITIONS TO AVOID
Stable	Temperatures over 100 deg.F leads to decomposition. Moisture & high temperatures

POLYMERIZATION	CONDITIONS TO AVOID
NONE	SAME

INCOMPATABILITY (MATERIALS TO AVOID)
NONE

HAZARDOUS DECOMPOSITION PRODUCTS
Ammonia; HCL; Biuret

VII SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain the spill. Sweep up and replace into original bag or use product according to instructions. Wear rubber gloves.

WASTE DISPOSAL METHOD: Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or an approved wastes disposal facility. Do not re-use empty bag. Wrap and put in trash.

VIII SPECIAL PROTECTION DATA

RESPIRATOR TYPE: None required except in production facilities. Appropriate Dust Mask.

EYE PROTECTION: Chemical workers goggles

GLOVES: RUBBER GLOVES

OTHER PROTECTIVE EQUIPMENT: Body Covering Clothing.

IX SPECIAL PRECAUTIONS & STORAGE DATA

STORAGE TEMPERATURE:	AVERAGE SHELF LIFE
MIN: None MAX: 100 deg. F	3 years with proper storage

SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE):

D.O.T. SHIPPING NAME: None
D.O.T. HAZARD CLASSIFICATION:
PRIMARY: None

TECHNICAL SHIPPING NAME:
None
SECONDARY: None

D.O.T. LABELS REQUIRED:
None

FREIGHT CLASSIFICATION:
Insecticide/fungicide O/T Agriculture.

REASON FOR ISSUE: QUALITY CONTROL & M.S.D.S. PROGRAMS

INITIATED BY : CLYDE L. CLINE, ASS'T. MGR. OPERATIONS

APPROVED BY: H.R. McLANE, TOXICOLOGY

DATE INITIATED: DEC. 11, 1984

DATE APPROVED: DEC., 11, 1984

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